

Refine Search

Search Results -

Terms	Documents
L3 and multi-varia\$	3

Database:

US Pre-Grant Publication Full-Text Database
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 US OCR Full-Text Database
 EPO Abstracts Database
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 IBM Technical Disclosure Bulletins

Search:

L4



Search History

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Set Name
side by side

QueryHit Count

Set Name
result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR

<u>L4</u>	L3 and multi-varia\$	3	<u>L4</u>
<u>L3</u>	L1 and chromosomes same cost	13	<u>L3</u>
<u>L2</u>	L1 and chromosomes and cost	67	<u>L2</u>
<u>L1</u>	706/13.ccls.	317	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L5 and (real or initial) near cost	6

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
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Search:

L6



Search History

DATE: Tuesday, September 26, 2006 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u> side by side	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR</i>			
<u>L6</u>	L5 and (real or initial) near cost	6	<u>L6</u>
<u>L5</u>	L4 and generates	97	<u>L5</u>
<u>L4</u>	chromosomes same cost	243	<u>L4</u>
<u>L3</u>	chromosomes and cost	5853	<u>L3</u>
<u>L2</u>	L1 and cost and chromosome\$	4	<u>L2</u>
<u>L1</u>	(5,255,345 5,970,487 6,088,519 6,182,057 6,493,658 6,557,145 6,578,176).pn.	14	<u>L1</u>

END OF SEARCH HISTORY

Hit List

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Search Results - Record(s) 1 through 6 of 6 returned.

☐ 1. Document ID: US 20050197987 A1

L6: Entry 1 of 6

File: PGPB

Sep 8, 2005

PGPUB-DOCUMENT-NUMBER: 20050197987

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050197987 A1

TITLE: Systems and methods for selecting a value set

PUBLICATION-DATE: September 8, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Anderson, David M.	Fort Collins	CO	US
McGuffin, Tyson R.	Fort Collins	CO	US
Chen, Thomas W.	Fort Collins	CO	US

US-CL-CURRENT: 706/45

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 2. Document ID: US 20050197979 A1

L6: Entry 2 of 6

File: PGPB

Sep 8, 2005

PGPUB-DOCUMENT-NUMBER: 20050197979

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050197979 A1

TITLE: Speculation count in a genetic algorithm

PUBLICATION-DATE: September 8, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Anderson, David M.	Fort Collins	CO	US
McGuffin, Tyson R.	Fort Collins	CO	US
Chen, Thomas W.	Fort Collins	CO	US

US-CL-CURRENT: 706/13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D
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☐ 3. Document ID: US 20050197978 A1

L6: Entry 3 of 6

File: PGPB

Sep 8, 2005

PGPUB-DOCUMENT-NUMBER: 20050197978
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050197978 A1

TITLE: Speculative pool

PUBLICATION-DATE: September 8, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Anderson, David M.	Fort Collins	CO	US
McGuffin, Tyson R.	Fort Collins	CO	US
Chen, Thomas W.	Fort Collins	CO	US

US-CL-CURRENT: 706/13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D
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☐ 4. Document ID: US 20050159897 A1

L6: Entry 4 of 6

File: PGPB

Jul 21, 2005

PGPUB-DOCUMENT-NUMBER: 20050159897
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050159897 A1

TITLE: Postponing validation of speculative chromosomes

PUBLICATION-DATE: July 21, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Anderson, David M.	Fort Collins	CO	US
McGuffin, Tyson R.	Fort Collins	CO	US
Chen, Thomas W.	Fort Collins	CO	US

US-CL-CURRENT: 702/20; 706/13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D
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☐ 5. Document ID: US 20050197987 A1

L6: Entry 5 of 6

File: DWPI

Sep 8, 2005

DERWENT-ACC-NO: 2005-638190

DERWENT-WEEK: 200565

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TITLE: Value set selection system in genetic application, determines appropriate cost based on generated real cost for each of parent chromosomes, and difference in value sets of parent chromosomes and associated child chromosomes

INVENTOR: ANDERSON, D M; CHEN, T W ; MCGUFFIN, T R

PRIORITY-DATA: 2004US-0761479 (January 21, 2004)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>US 20050197987 A1</u>	September 8, 2005		015	G06N005/00

INT-CL (IPC): G06N 5/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 6. Document ID: US 20050197978 A1

L6: Entry 6 of 6

File: DWPI

Sep 8, 2005

DERWENT-ACC-NO: 2005-638183

DERWENT-WEEK: 200565

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TITLE: System for selecting value set associated with set of parameters in genetic applications, generates speculative cost corresponding to value set variations of real chromosomes

INVENTOR: ANDERSON, D M; CHEN, T W ; MCGUFFIN, T R

PRIORITY-DATA: 2004US-0761478 (January 21, 2004)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>US 20050197978 A1</u>	September 8, 2005		019	G06N003/00

INT-CL (IPC): G06N 3/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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Terms

Documents

L5 and (real or initial) near cost

6

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[Previous Page](#)

[Next Page](#)

[Go to Doc#](#)

Refine Search

Search Results -

Terms	Documents
chromosomes and (real or initial) near cost	29

Database:

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Search:

L8



Search History

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<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR</i>			
<u>L8</u>	chromosomes and (real or initial) near cost	29	<u>L8</u>
<u>L7</u>	chromosomes same cost and (real or initial) near cost	6	<u>L7</u>
<u>L6</u>	L5 and (real or initial) near cost	6	<u>L6</u>
<u>L5</u>	L4 and generates	97	<u>L5</u>
<u>L4</u>	chromosomes same cost	243	<u>L4</u>
<u>L3</u>	chromosomes and cost	5853	<u>L3</u>
<u>L2</u>	L1 and cost and chromosome\$	4	<u>L2</u>
<u>L1</u>	(5,255,345 5,970,487 6,088,519 6,182,057 6,493,658 6,557,145 6,578,176).pn.	14	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
chromosomes same (real or initial) near cost	6

Database:

US Pre-Grant Publication Full-Text Database
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L9



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<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR</i>			
<u>L9</u>	chromosomes same (real or initial) near cost	6	<u>L9</u>
<u>L8</u>	chromosomes and (real or initial) near cost	29	<u>L8</u>
<u>L7</u>	chromosomes same cost and (real or initial) near cost	6	<u>L7</u>
<u>L6</u>	L5 and (real or initial) near cost	6	<u>L6</u>
<u>L5</u>	L4 and generates	97	<u>L5</u>
<u>L4</u>	chromosomes same cost	243	<u>L4</u>
<u>L3</u>	chromosomes and cost	5853	<u>L3</u>
<u>L2</u>	L1 and cost and chromosome\$	4	<u>L2</u>
<u>L1</u>	(5,255,345 5,970,487 6,088,519 6,182,057 6,493,658 6,557,145 6,578,176).pn.	14	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
multi-varia\$ near cost and chromosomes	6

Database:

US Pre-Grant Publication Full-Text Database
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Search:

L10



Refine Search

Recall Text



Clear

Interrupt

Search History

DATE: Tuesday, September 26, 2006 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR</i>			
<u>L10</u>	multi-varia\$ near cost and chromosomes	6	<u>L10</u>
<u>L9</u>	chromosomes same (real or initial) near cost	6	<u>L9</u>
<u>L8</u>	chromosomes and (real or initial) near cost	29	<u>L8</u>
<u>L7</u>	chromosomes same cost and (real or initial) near cost	6	<u>L7</u>
<u>L6</u>	L5 and (real or initial) near cost	6	<u>L6</u>
<u>L5</u>	L4 and generates	97	<u>L5</u>
<u>L4</u>	chromosomes same cost	243	<u>L4</u>
<u>L3</u>	chromosomes and cost	5853	<u>L3</u>
<u>L2</u>	L1 and cost and chromosome\$	4	<u>L2</u>
<u>L1</u>	(5,255,345 5,970,487 6,088,519 6,182,057 6,493,658 6,557,145 6,578,176).pn.	14	<u>L1</u>

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 6 of 6 returned.

☐ 1. Document ID: US 20050197987 A1

L10: Entry 1 of 6

File: PGPB

Sep 8, 2005

PGPUB-DOCUMENT-NUMBER: 20050197987

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050197987 A1

TITLE: Systems and methods for selecting a value set

PUBLICATION-DATE: September 8, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Anderson, David M.	Fort Collins	CO	US
McGuffin, Tyson R.	Fort Collins	CO	US
Chen, Thomas W.	Fort Collins	CO	US

US-CL-CURRENT: 706/45

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 2. Document ID: US 20050197979 A1

L10: Entry 2 of 6

File: PGPB

Sep 8, 2005

PGPUB-DOCUMENT-NUMBER: 20050197979

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050197979 A1

TITLE: Speculation count in a genetic algorithm

PUBLICATION-DATE: September 8, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Anderson, David M.	Fort Collins	CO	US
McGuffin, Tyson R.	Fort Collins	CO	US
Chen, Thomas W.	Fort Collins	CO	US

US-CL-CURRENT: 706/13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 3. Document ID: US 20050197978 A1

L10: Entry 3 of 6

File: PGPB

Sep 8, 2005

PGPUB-DOCUMENT-NUMBER: 20050197978
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050197978 A1

TITLE: Speculative pool

PUBLICATION-DATE: September 8, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Anderson, David M.	Fort Collins	CO	US
McGuffin, Tyson R.	Fort Collins	CO	US
Chen, Thomas W.	Fort Collins	CO	US

US-CL-CURRENT: 706/13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 4. Document ID: US 20050159897 A1

L10: Entry 4 of 6

File: PGPB

Jul 21, 2005

PGPUB-DOCUMENT-NUMBER: 20050159897
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050159897 A1

TITLE: Postponing validation of speculative chromosomes

PUBLICATION-DATE: July 21, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Anderson, David M.	Fort Collins	CO	US
McGuffin, Tyson R.	Fort Collins	CO	US
Chen, Thomas W.	Fort Collins	CO	US

US-CL-CURRENT: 702/20; 706/13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 5. Document ID: US 20040043795 A1

L10: Entry 5 of 6

File: PGPB

Mar 4, 2004

PGPUB-DOCUMENT-NUMBER: 20040043795
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040043795 A1

TITLE: Genetic algorithm-based adaptive antenna array processing method and system

PUBLICATION-DATE: March 4, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Zancewicz, Gregory	Melissa	TX	US

US-CL-CURRENT: 455/562.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 6. Document ID: US 7092690 B2

L10: Entry 6 of 6

File: USPT

Aug 15, 2006

US-PAT-NO: 7092690
DOCUMENT-IDENTIFIER: US 7092690 B2

TITLE: Genetic algorithm-based adaptive antenna array processing method and system

DATE-ISSUED: August 15, 2006

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20040043795 A1	March 4, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zancewicz, Gregory	Melissa	TX	75454	US

US-CL-CURRENT: 455/273; 342/368, 342/373, 455/272, 455/276.1, 455/562.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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Clear

Generate Collection

Print

Fwd Refs

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Terms

Documents

multi-varia\$ near cost and chromosomes

6

Display Format:

[Previous Page](#)

[Next Page](#)

[Go to Doc#](#)

Refine Search

Search Results -

Terms	Documents
L12 and (pool or population)	49

Database:

US Pre-Grant Publication Full-Text Database
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Search:

L13



Search History

DATE: Tuesday, September 26, 2006 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR</i>			
L13	L12 and (pool or population)	49	L13
L12	L11 and cost near function	57	L12
L11	chromosomes and cost and generates and (increment or incremental or increase or decrease or change)	1920	L11
L10	multi-varia\$ near cost and chromosomes	6	L10
L9	chromosomes same (real or initial) near cost	6	L9
L8	chromosomes and (real or initial) near cost	29	L8
L7	chromosomes same cost and (real or initial) near cost	6	L7
L6	L5 and (real or initial) near cost	6	L6
L5	L4 and generates	97	L5
L4	chromosomes same cost	243	L4
L3	chromosomes and cost	5853	L3
L2	L1 and cost and chromosome\$	4	L2

L1 (5,255,345 5,970,487 6,088,519 6,182,057 6,493,658 6,557,145
6,578,176).pn.

14 L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L12 and (pool or population)	49

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
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Search:

L13





Search History

DATE: Tuesday, September 26, 2006 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR</i>			
<u>L13</u>	L12 and (pool or population)	49	<u>L13</u>
<u>L12</u>	L11 and cost near function	57	<u>L12</u>
<u>L11</u>	chromosomes and cost and generates and ^o (increment or incremental or increase or decrease or change)	1920	<u>L11</u>
<u>L10</u>	multi-varia\$ near cost and chromosomes	6	<u>L10</u>
<u>L9</u>	chromosomes same (real or initial) near cost	6	<u>L9</u>
<u>L8</u>	chromosomes and (real or initial) near cost	29	<u>L8</u>
<u>L7</u>	chromosomes same cost and (real or initial) near cost	6	<u>L7</u>
<u>L6</u>	L5 and (real or initial) near cost	6	<u>L6</u>
<u>L5</u>	L4 and generates	97	<u>L5</u>
<u>L4</u>	chromosomes same cost	243	<u>L4</u>
<u>L3</u>	chromosomes and cost	5853	<u>L3</u>
<u>L2</u>	L1 and cost and chromosome\$	4	<u>L2</u>

Refine Search

Search Results -

Terms	Documents
6,181,945.pn.	2

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
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 IBM Technical Disclosure Bulletins

Search:

L5





Search History

DATE: Tuesday, September 26, 2006 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

Hit Count Set Name

result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR

<u>L5</u>	6,181,945.pn.	2	<u>L5</u>
<u>L4</u>	6,766,497.pn.	2	<u>L4</u>
<u>L3</u>	chromosomes and costs and speculative and incremental	6	<u>L3</u>
<u>L2</u>	chromosomes and cost and speculative	38	<u>L2</u>
<u>L1</u>	10/761,478	1	<u>L1</u>

END OF SEARCH HISTORY

L1 (5,255,345 5,970,487 6,088,519 6,182,057 6,493,658 6,557,145
6,578,176).pn.

14 L1

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[Advanced Search](#)[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)**OPTION 1**

Enter keywords or phrases, select fields, and select operators

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AND	<input type="text"/>	in All Fields
AND	<input type="text"/>	in All Fields

» Note: If you use all three search boxes, the entries in the first two boxes take precedence over the entry in the third box.

**OPTION 2**

Enter keywords, phrases, or a Boolean expression

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<input type="text" value="chromosomes <and> costs"/>	
--	--

» Note: You may use the search operators <and> or <or> without the start and end brackets <>.

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Results for "((chromosomes <and> costs)<in>metadata)"

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Your search matched 8 of 488547 documents.

 A maximum of 100 results are displayed, 25 to a page, sorted by **Relevance** in **Descending** order.

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Indicates full text access

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

[Select All](#) [Deselect All](#)

- ☐ 1. **Large-scale economic dispatch by genetic algorithm**
 Po-Hung Chen; Hong-Chan Chang;
Power Systems, IEEE Transactions on
 Volume 10, Issue 4, Nov. 1995 Page(s):1919 - 1926
 Digital Object Identifier 10.1109/59.476058
[Abstract](#) | Full Text: [PDF\(752 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- ☐ 2. **Minimal fuzzy memberships and rules using hierarchical genetic algorithm**
 Kit-Sang Tang; Kim-Fung Man; Zhi-Feng Liu; Sam Kwong;
Industrial Electronics, IEEE Transactions on
 Volume 45, Issue 1, Feb. 1998 Page(s):162 - 169
 Digital Object Identifier 10.1109/41.661317
[Abstract](#) | Full Text: [PDF\(204 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- ☐ 3. **A genetic algorithm for the multiple destination routing problems**
 Yee Leung; Guo Li; Zong-Ben Xu;
Evolutionary Computation, IEEE Transactions on
 Volume 2, Issue 4, Nov. 1998 Page(s):150 - 161
 Digital Object Identifier 10.1109/4235.738982
[Abstract](#) | Full Text: [PDF\(296 KB\)](#) IEEE JNL
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- ☐ 4. **Multiplier-less FIR filter design using a genetic algorithm**
 Wade, G.; Roberts, A.; Williams, G.;
Vision, Image and Signal Processing, IEE Proceedings-
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